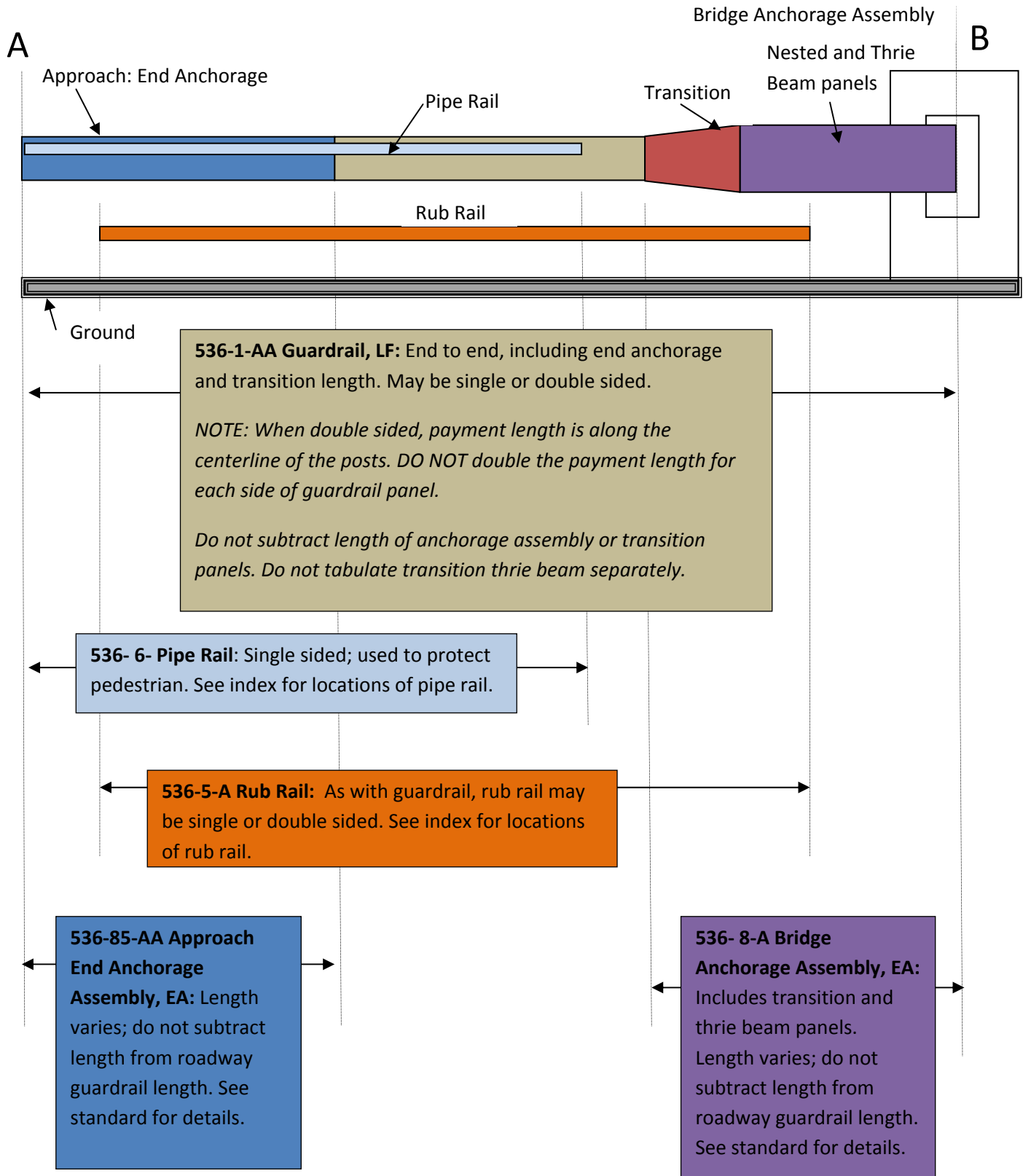


# Guardrail: Limits of Payment

(NOT TO SCALE; refer to index for details)



## Guardrail: Sample Calculations

(Values used for sample purposes only)

**Sample 1:** For the sample shown, length from approach to bridge (A to B) is 200'. For the approach, a flared end anchorage assembly is 25' long. The Bridge Anchorage Assembly is 44' long, and includes a 6' transition, 12' of nested thrie beam, and additional thrie beam to reach the terminal connector. Rub Rail is needed for a 140' length. Pipe rail is needed for 70'.

Pay Items:

536-1-1	Guardrail, Roadway	200	LF
536-5- 1	Guardrail- Rub Rail, Single sided	140	LF
536-6-	Guardrail- Pipe Rail	70	LF
536-8-	Guardrail Bridge Anchorage Assembly	1	EA
536-85-22	Guardrail End Anchorage Assembly, Flared	1	EA

Notes:

- Roadway Guardrail is paid end-to-end, with no deductions for end/bridge anchorage assemblies.
- Transition, nested, and Thrie beam panels included with the bridge anchorage are NOT tabulated separately. The panel lengths are insignificant, as this is a per each assembly.
- Rub rail is tabulated separately for single and double sided. Double sided rub rail is normally used for median locations.
- Pipe rail is used to protect the pedestrian; it is attached to the guardrail post. Refer to Section 515 pay items if a pipe handrail (guiderail) is needed away from the guardrail post.